

**Supplementary Figure: A**, Gating strategy for IL-7R expression within pro-B cells according to cell cycle status. Wild-type bone marrow was harvested and directly stained with CD19, c-kit, IgM and IL-7R or an isotype control. The cells were then fixed and stained with DAPI to show DNA content. IL-7R surface expression was analyzed in G0/G1 or S/G2/M cells relative to an isotype control. Experiment is representative of 4 experiments. **B**, Cell cycle profiles for fetal liver pro-B cells and *caStat5* pro-B cell cultures. (i) Wild-type bone marrow or D16 fetal liver was harvested and directly stained with CD19, c-kit, IgM and then fixed and stained with DAPI to show DNA content. (ii) Wild-type or *caStat5* bone marrow cultures were stained with CD19 and CD25 and then fixed and stained with DAPI to show DNA content.